

AMENDMENTS TO THE CLAIMS:

This listing of claims will replace all prior versions, and listings, of claims in the application:

Listing Of Claims:

Please amend the claims as follows:

1. (Currently Amended) A system for providing a single telephone number for use with a digital cordless handset and with a second handset, the system comprising: a wireless access point wired to a wired data network, the wireless access point operative to communicate with the digital cordless handset via ~~an unregulated~~ a wireless connection to provide wireless access to the wired data network for the digital cordless handset, wherein a call directed toward the second handset corresponding to the single telephone number on a telecommunications network is received at a media gateway operative to enable the wireless access point to generate a ring tone at the digital cordless handset, the telecommunications network being operative to generate a ring tone corresponding to the call at the second handset, the media gateway configured to link to the telecommunications network to the wired data network, and
~~a telecommunications network operative to provide telecommunications services in conjunction with the second handset operative for use with the telecommunications network;~~
wherein the digital cordless handset and the second handset operative for use with the telecommunications network are assigned a single telephone number.

2. (Canceled)

3. (Currently Amended) The system of Claim 2 1, wherein the ring tone is generated substantially simultaneously at the digital cordless handset and the second handset.

4. (Previously Presented) The system of Claim 1, wherein the telecommunications network comprises a public switched telephone network.

5. (Previously Presented) The system of Claim 4, wherein the second handset comprises at least one wired handset connected to the public switched telephone network.

6. (Currently Amended) The system of Claim 1, wherein the telecommunications network comprises a wireless telecommunications network operative to provide wireless telecommunications on ~~regulated~~ wireless communications frequencies.

7. (Currently Amended) The system of Claim 6, wherein the second handset comprises a wireless device operative to communicate with the wireless telecommunications network via the ~~regulated~~ wireless communications frequencies.

8. (Currently Amended) A method for providing a single telephone number for use with a plurality of handsets, the method comprising:

assigning a single telephone number to a first handset configured for use with a first telecommunications network, wherein the first telecommunications network comprises one or more wireless access points wired to a wired data network;

assigning the single telephone number to a second handset configured for use with a second telecommunications network; and

providing wireless access via the wireless access points to the wired data network for the first handset over an ~~unregulated~~ a wireless connection; and

enabling a media gateway to receive a call directed toward the second handset corresponding to the single telephone number on the second telecommunications network, the media gateway operative to enable one of the wireless access points to generate a ring tone at the first handset, the second telecommunications network being operative to generate a ring tone corresponding to the call at the second handset, the media gateway configured to link to the second telecommunications network to the wired data network.

9. (Original) The method of Claim 8, further comprising:

detecting an incoming communication from a calling party to the single telephone number; and

in response to detection of the incoming communication, placing outgoing communications to the first handset and the second handset.

10. (Original) The method of Claim 9, further comprising:
connecting the incoming communication to the first handset to be answered of
either the first handset or the second handset.

11. (Original) The method of Claim 10, further comprising:
dropping each of the outgoing communications other than the outgoing
communication associated with the first handset to be answered.

12. (Canceled)

13. (Currently Amended) The method of Claim 8, wherein the first handset
comprises a digital cordless handset for communicating with the one or more wireless
access points via the ~~unregulated~~ wireless connection.

14. (Currently Amended) The method of Claim 8, wherein the second network
comprises a wireless network operative to provide wireless telecommunications on
~~regulated~~ wireless communications frequencies.

15. (Currently Amended) The method of Claim 14, wherein the second
handset comprises a wireless device operative to communicate with the wireless
network via the ~~regulated~~ wireless communications frequencies.

16. (Previously Presented) The method of Claim 8, wherein the second network comprises a public switched telephone network.

17. (Previously Presented) The method of Claim 16, wherein the second handset comprises a wired handset connected to the public switched telephone network.

18. (Currently Amended) A system for providing a single telephone number for use with a plurality of handsets, the system comprising:

a first network including a broadband residential gateway comprising a first network device operative to communicate with a wired data network, a second network device operative to provide a communications link to one or more wired network devices over a local wired connection, and a wireless access point operative to provide wireless access to the wired data network over ~~an unregulated~~ a wireless connection;

one or more digital cordless handsets operative to communicate with the wireless access point via the unregulated wireless connection for wireless access to the wired data network; and

a second network operative to provide telecommunications services in conjunction with one or more handsets operative for use with the second network, wherein at least one of the one or more digital cordless handsets and at least one of the one or more handsets operative for use with the second network are assigned a single telephone number wherein a call directed toward the one or more handset corresponding to the single telephone number on the second network is received at a

media gateway operative to enable the wireless access point to generate a ring tone at the one or more digital cordless handsets, the second network being operative to generate a ring tone corresponding to the call at the one or more handsets, the media gateway configured to link to the second network to the wired data network.

19. (Previously Presented) The system of Claim 18, wherein the one or more wired network devices comprise one or more digital wired handsets for communicating with the wired data network and wherein at least one of the wired network devices is assigned the single telephone number.

20. (Previously Presented) The system of Claim 18, wherein the local wired connection comprises a home phonenumber networking adapter connection.

21. (Previously Presented) The system of Claim 18, wherein a call directed toward the single telephone number is operative to generate a ring tone at the at least one of the one or more digital cordless handsets and at the at least one of the one or more handsets for use with the second network.

22. (Previously Presented) The system of Claim 21, wherein the ring tone is generated substantially simultaneously at the at least one of the one or more digital cordless handsets and at the at least one of the one or more handsets assigned the single telephone number.

23. (Previously Presented) The system of Claim 18, wherein the second network comprises a public switched telephone network.

24. (Previously Presented) The system of Claim 23, wherein the one or more handsets operative for use with the second network comprise wired handsets connected to the public switched telephone network.

25. (Currently Amended) The system of Claim 18, wherein the second network comprises a wireless network operative to provide wireless telecommunications on ~~regulated~~ wireless communications frequencies.

26. (Currently Amended) The system of Claim 25, wherein the one or more handsets operative for use with the second network comprise wireless devices operative to communicate with the wireless network via the ~~regulated~~ wireless communications frequencies.

27. (Currently Amended) A system for providing a single telephone number for use with a digital cordless handset and with a second handset, the system comprising:

means operative to receive an incoming call directed to a telephone number, wherein the telephone number is assigned to the digital cordless handset and the second handset;

means operative to route the incoming call to the digital cordless handset, wherein the digital cordless handset communicates via ~~an unregulated~~ a wireless connection with a wireless access point wired to a wired data network for wireless access to the wired data network; and

means operative to route the incoming call to the second handset, wherein the second handset communicates with a telecommunications network

means operative to enable a media gateway to receive a call directed toward the second handset corresponding to the telephone number on the telecommunications network, the media gateway operative to enable the wireless access point to generate a ring tone at the digital cordless handset, the telecommunications network being operative to generate a ring tone corresponding to the call at the digital cordless handset, the media gateway configured to link to the telecommunications network to the wired data network.

28. (Previously Presented) The system of claim 27, further comprising:

means operative to place outgoing calls to the digital cordless handset and the second handset, in response to receiving the incoming call directed to the telephone number; and

means operative to connect the incoming call to the first handset to be answered of either the digital cordless handset or the second handset.

29. (Previously Presented) The system of claim 28, further comprising:
means operative to drop the outgoing communication other than the outgoing communication associated with the first handset to be answered.

30. (New) The system of claim 1, wherein the wireless access point provides voice-over-internet protocol (VOIP) service to the digital cordless handset.

31. (New) The system of claim 1, wherein the wireless access point is wired to the wired data network through a broadband residential gateway comprising a broadband modem and a router, the broadband residential gateway being configured to enable another wireless access point to connect to the wired data network.

32. (New) The system of claim 1, wherein the wireless access point is configured to use subscriber identity module SIM information from the digital cordless handset to determine if a user associated with the digital cordless handset is a subscriber to the wired data network.

33. (New) The system of claim 1, wherein the wireless connection comprises an unregulated wireless connection.

34. (New) The system of claim 33, wherein the unregulated wireless connection comprises a connection configured to provide wireless service using at least one frequency not assigned to a service provider.

35. (New) The method of claim 8, wherein the wireless connection comprises an unregulated wireless connection.

36. (New) The method of claim 35, wherein the unregulated wireless connection comprises a connection configured to provide wireless service using at least one frequency not assigned to a service provider.

37. (New) The system of claim 18, wherein the wireless connection comprises an unregulated wireless connection.

38. (New) The system of claim 37, wherein the unregulated wireless connection comprises a connection configured to provide wireless service using at least one frequency not assigned to a service provider.

39. (New) The system of claim 27, wherein the wireless connection comprises an unregulated wireless connection.

40. (New) The system of claim 39, wherein the unregulated wireless connection comprises a connection configured to provide service using at least one frequencies not assigned to any service provider.

41. (New) The system of claim 6, wherein the wireless communications frequencies comprise regulated wireless communications frequencies.

42. (New) The system of claim 41, wherein the regulated wireless communications frequencies comprise frequencies assigned to a service provider.

43. (New) The method of claim 14, wherein the wireless communications frequencies comprise regulated wireless communications frequencies.

44. (New) The method of claim 43, wherein the regulated wireless communications frequencies comprise frequencies assigned to a service provider.

45. (New) The system of claim 25, wherein the wireless communications frequencies comprise regulated wireless communications frequencies.

46. (New) The system of claim 45, wherein the regulated wireless communications frequencies comprise frequencies assigned to a service provider.